



ESTABLISHED 40 YEARS

CATALOGUE.
and PRICE LIST
of
TOOLS AND
SUPPLIES



COLWELL COOPERAGE CO.

OFFICES

412 GREENWICH STREET

NEW YORK CITY



WAREHOUSES:

NEW YORK CITY

JERSEY CITY, N. J.

BROOKLYN, N. Y.

INDEX:—For your convenience this catalogue has been cross-indexed. See General Index, pages fifty-four and fifty-five. ✧ Study the Listings on the last pages carefully and you will find them a material help in quickly supplying the information you desire. ✧ ✧

THIS catalogue is sent to you as an expression of our desire for your business. No matter whether yours is a shop, factory or warehouse you need tools—good tools—in making ready your shipping packages.

The tools shown are not of our manufacture, but are offered after careful study and experiment as the very best on the market. Each tool for it's individual uses, as recommended, carries our complete warranty, except where otherwise stated on the catalogue pages.

In placing our brand "COLCO" on these tools, we are backing them with a reputation gained and held through forty years in the cooperage supply business, and the tools, quality considered, are consistently priced. This fact coupled with the "COLCO" *guaranty should be the determining factor in your buying.*

The best tool is none too good from an economical standpoint. You will buy only the best in "COLCO."

DO'S

DO remember that if a tool proves defective, we will replace it unless it shows evidence of long or improper use.

DO keep your edged tools sharp, a dull tool is not only a time waster—it is a money loser.

DO have a grinder and oil-stone—they will save you money.

DO use oil on your tools—a good mechanic's tools are free from rust.

DO use your tools for the purpose for which they are intended.

DO make use of the indexes, they are for your convenience.

DO remember the discount.

DO use stock numbers in ordering tools.

DO think of "COLCO" when you think of tools.

DON'TS

DON'T forget that we will replace any defective tool provided it is a defect and not carelessness that causes the break.

DON'T lay down a dull tool—go and sharpen it—'tis then ready for the next time.

DON'T forget—the grinder should be easy of access for all your workmen.

DON'T use an adze to drive iron hoops—one man did and found fault because the head chipped.

DON'T forget that our accounts are subject to sight draft after maturity.

DON'T forget the discount.

DON'T forget that prices may change without notice, though we shall endeavor to advise you in advance.

DON'T forget that "COLCO" tools are finely tempered, carefully made, fully warranted, and have stood the test of usage.

THESE TRADEMARKS

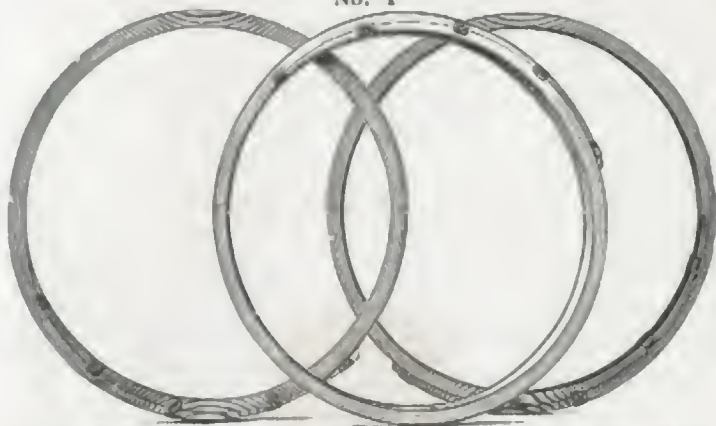


STAND FOR
EFFICIENT TOOLS AND STOCK
CONSISTENTLY PRICED





TRUSS HOOPS No. 1



A set of truss hoops consists of two chimes, two quarter and two bilge. "Colco" hoops are of perfect circle, made of best second growth hickory, split and shaved entirely by hand.

Standard sizes, Six Hoops to a Set

Chime	Quarter	Bilge
10 inch	11 $\frac{3}{4}$ inch	12 inch
12 $\frac{1}{2}$ "	14 "	14 $\frac{1}{4}$ "
14 $\frac{1}{2}$ "	16 "	17 "
15 "	16 $\frac{3}{4}$ "	17 $\frac{1}{4}$ "
16 "	17 $\frac{1}{4}$ "	18 $\frac{1}{2}$ "
17 $\frac{1}{2}$ "	19 $\frac{1}{4}$ "	20 $\frac{1}{4}$ "
18 "	20 "	21 $\frac{1}{4}$ "
19 $\frac{1}{2}$ "	21 $\frac{1}{2}$ "	23 "
20 $\frac{1}{2}$ "	22 $\frac{1}{2}$ "	24 "
21 "	23 "	24 $\frac{1}{4}$ "
21 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	25 "

List Price, Six Hoops to Set

Size	Per Set	List	Size	Per Set	List
10 inch	" "	\$2.85	20 inch	" "	\$ 4.70
12 $\frac{1}{2}$ "	" "	3.15	22 "	" "	5.00
15 "	" "	3.45	26 "	" "	6.90
16 $\frac{1}{2}$ "	" "	3.75	32 "	" "	8.15
18 "	" "	4.10	36 "	" "	9.10
			40 "	" "	10.00

Cross riveting 15c. net per set extra.

When ordering stock sizes it is only necessary to specify size of chime hoops which governs the price per set as above. In the case of special sizes be sure to give size of chime, quarter and bilge and state whether to be used for tight or slack work.



HANDLES

No.	For	List
2	Adze (complete)	\$.35
	" (no spindle)	.25
3	Axe	.35
4	Bung Pick	.15
5	Bung starter, each	.35
	per dozen	3.00
6	Chamfer Knife	.15
7	Driver, Colwell	.15
8	Hammer, Cooper's	.15
9	" Adze-eye nail	.15
10	Hatchet	.15
11	Shave, Cooper's	.15
12	Shave, Spoke	.15
13	Socket Driver, Short	.25
EXTRA PARTS		
14	Saw blades, 24 inches, per dozen	2.70
15	" " 30 " " "	3.10
16	" " 34 " " "	4.00
17	Scraper blade, adjustable scraper, each	.20
	per dozen	1.60
18	Thumb screw, adjustable scraper, each	.10
	per doz.	.65
19	Scraper blade, triangular " each	.45
20	Scriber knives, each	.30
	per dozen	3.00
21	Spindles, adze handles, each	.15

Champion Heater Parts:

- B — Indicates the base ring
- D — " the opening in base for flue
- E — " the grate
- H — " the tile
- I — " the long back plate
- K — " the rim for lid of heater
- L — " the lid
- M — " the leg
- N — " the fire pot or bowl
- O — " the sheet iron drum
- P — " the side plates or base
- R — " the shaker
- S — " flue plate dividing flue and ash box
- T — " the bottom plate on base
- U — " the side pieces for front of base

Complete upper consists of parts H, I, K, L, M, N and O.

Complete base consists of parts B, P, R, and Ash Pan.

These parts are illustrated on page 39.

State whether parts are wanted for Nos. 243, 244 or 245.

Heater Parts are sold by the pound. Advise us of your needs.

Adjustable setting-up form, extra rings 75c. to \$2.50. In ordering specify size required.



ADZE-EYE HAMMER



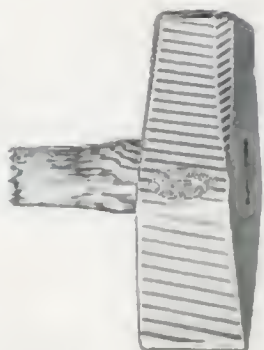
A properly shaped hammer.

Prices include handles.

No.	Weight	List
22	1 lb., 12 oz.	.90
23	1 " 4 "	.75
24	1 "	.65

HAMMER

No.	Weight	List
25	3 lbs.	\$1.75
26	3 1/4 "	1.75
27	4 "	1.90
28	4 1/2 "	2.20
29	5 "	2.20
30	5 1/2 "	2.50
31	6 "	2.75
32	6 1/4 "	2.75



Drop-forged crucible steel head.

Perfectly balanced.

Prices and weights include the very best grade of second growth Hickory handles.

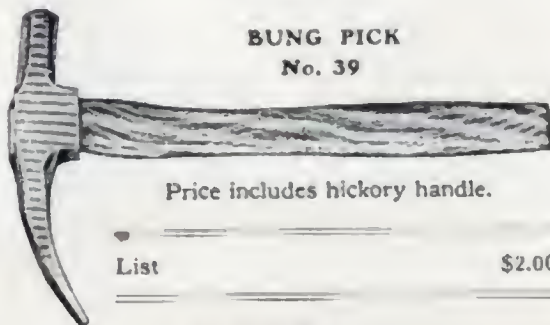


ADZE

Bolted handles of selected applewood:

Tight Cooperage				
No.	Weight	Cut		List
33	3½ lbs	3	ins.	\$3.00
34	4 "	3½	"	3.15
35	4½ "	3½	"	3.45
Slack Cooperage				
36	2½ "	2½	"	2.85
37	2½ "	2½	"	2.85
38	3 "	2½	"	2.85

For checkered face, numbers 33A-34A-35A-36A-37A-38A, add 25 cents net extra.



BUNG PICK

No. 39

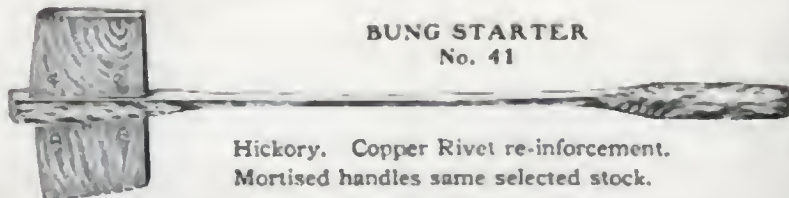
Price includes hickory handle.

List	\$2.00
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BUNG CHISEL

No. 40

Solid Steel	List	\$.75
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BUNG STARTER

No. 41

Hickory. Copper Rivet re-inforcement.
Mortised handles same selected stock.

Each	List	\$.60
Per Dozen	"	4.75



SPECIAL HATCHET



Weight includes second growth hickory handle.

No.	Weight	Cut	Handles	List
42	1 lb.	2 ins.	12 ins.	.70
43	1½ "	2½ "	13 "	.85
44	2 "	2¾ "	13 "	.95
45	2½ "	3 "	14 "	.95

HANDY-SLOT HATCHET



Full Polished Head

No.	Weight	Cut	List
46	1 lb.	2 ins.	.85
47	1½ "	2¼ "	.90

Made of the finest grade of steel with two slots in the blade. The slot in the cutting edge fits either side of the nail and prevents splitting when lifting covers.



WOODEN MALLET



For all purposes

No.	Wood	Head	Weight	List
48	Hickory	6 x 4	2 $\frac{1}{2}$ lbs.	.40
49	Lignumvitae	6 x 4	3 $\frac{1}{2}$ "	.70

COOPER'S AXE



Complete with hickory handle. Tight cooperage and general Work.

No.	Weight	Cut	List
50	4 $\frac{1}{2}$ lbs.	9 $\frac{1}{2}$ ins.	\$3.15
51	5 $\frac{1}{2}$ "	10 $\frac{1}{2}$ "	3.45
52	6 "	11 $\frac{1}{2}$ "	4.10

Slack Cooperage

53	3 $\frac{1}{2}$ lbs.	8 $\frac{1}{2}$ ins.	\$2.85
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For full polished and buffed heads add 25 cents net extra.



HOOP DRIVER

No. 54

Hickory, wrought iron ring and faced
with steel.

Width $3\frac{1}{4}$ inches.

Each

List

\$1.35



SELECTED, STRAIGHT GRAINED HICKORY

No. 55

All wood with wrought iron ring,
grooved and shaped driving surface.

Width $3\frac{1}{4}$ inches.

Each

List

.45





SHORT SOCKET DRIVER

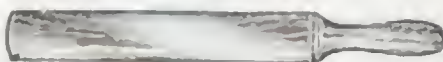
No. 56



For iron and wire hoop driving.
Price includes handle.
Superior quality highly tempered metal.
Width of driving surface 2 1/2 inches.

Each	List	
		\$1.45

CHIME MAUL.



No.	List
57 Hickory (Slack Cooperage)	\$.90
58 Steel (Tight Cooperage)	2.10

WHITTLING KNIFE

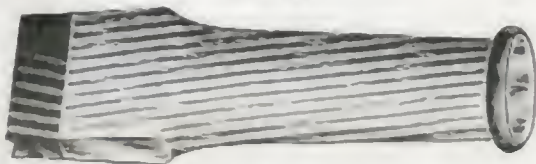
No. 59

Extra heavy six inch blade with shank extending through heavy bone handle and securely riveted.
A practical and general utility knife.

Each	List	
		\$1.65

SHOE DRIVER

No. 60



Made from dogwood, bound and shod with steel.
A very efficient and lasting hoop driver, especially suitable for bark-hoop bound packages.

Each	List	
		\$1.25



COLWELL DRIVER

No. 61

(Nantucket Style)



The most practical hoop driver made for iron bound packages. Hand shaped, oil tempered and perfectly balanced head with a thin edged, non-slip groove.

Weight $1\frac{1}{4}$ lbs. without handle, List \$1.25

Handles additional each " .15

CAST STEEL DRIVER

No. 62

(Nantucket Style)

Weight $1\frac{1}{2}$ lbs.	List	\$.85
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HOOP SET (Sledge Style)

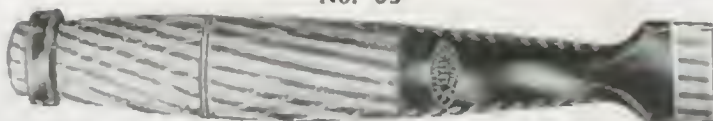
A suitable tool for extra heavy driving.

No.	Weight	List
63	2 lbs.	\$1.25
64	3 "	1.90



LONG SOCKET DRIVER

No. 65



Hickory handle bound with wrought iron ring and head, shaped and sized for keg work.

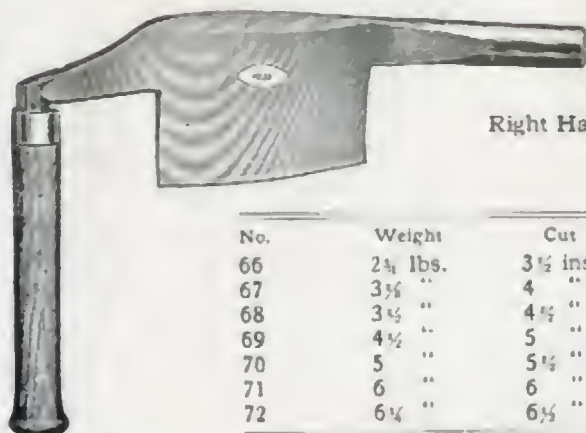
Width of driving surface $1\frac{1}{2}$ inches.

List	\$1.25
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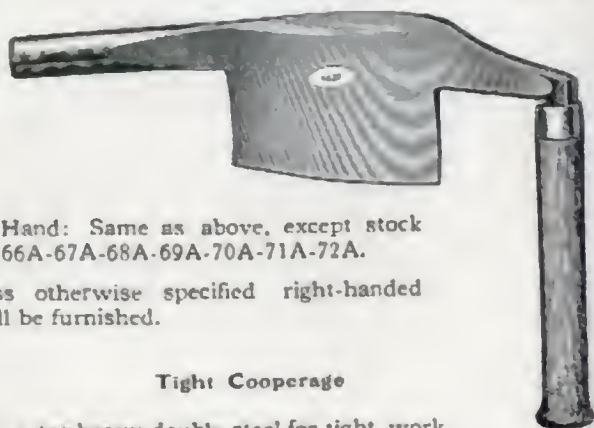
CHAMFER KNIFE

Slack Cooperage



Right Hand.

No.	Weight	Cut	List
66	2½ lbs.	3½ ins.	\$1.60
67	3½ "	4 "	1.60
68	3½ "	4½ "	1.85
69	4½ "	5 "	1.95
70	5 "	5½ "	2.20
71	6 "	6 "	2.40
72	6½ "	6½ "	2.65



Left Hand: Same as above, except stock numbers; 66A-67A-68A-69A-70A-71A-72A.

Unless otherwise specified right-handed knives will be furnished.

Tight Cooperage

Improved, extra heavy double steel for tight work.

No.	Weight	Cut	List
73	6 to 7 lbs.	6 ins.	\$2.75
74	7½ " 8 "	6 "	2.95
75	8½ " 9 "	6½ "	3.15
76	9½ " 11 "	7 "	3.45
77	" 12 "	7 "	3.75

Stock numbers for left-handed knives. 73A-74A-75A-76A-77A. Prices above.



HOLLOWING SHAVE



Extra heavy blade. Polished walnut handles.

No.	Width Blade	Cut	List
78	2 ins.	4½ ins.	\$1.25
79	2 "	5 "	1.25
80	2 "	6 "	1.35
81	2¼ "	7 "	1.35
82	2½ "	8 "	1.60

HEAD OR STAVE KNIFE



Heavy blades. Polished walnut handles.

No.	Width Blade	Cut	List
83	2¼ ins.	7 ins.	\$1.35
84	2¼ "	8 "	1.60
85	2¼ "	9 "	1.75
86	2¼ "	10 "	1.95
87	2¼ "	12 "	2.50

HOOP SHAVE

No.	Width Blade	Cut	List
88	1½ ins.	7 ins.	\$1.25
89	1½ "	8 "	1.50
90	1½ "	9 "	1.65
91	1½ "	10 "	1.85



SPOKE SHAVE

No. 92



Straight, all metal frame. Removable blade.

Length 18 inches	List	\$.65
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Not warranted.

SPOKE SHAVE

No. 93



Improved or Cleveland Pattern.

Removable blade. Polished walnut handles.

Each	List	\$1.60
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KEG SPOKE SHAVE

No. 94

Double iron. Polished walnut handles.

Each	List	\$1.60
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DOUBLE HANDLED SCRAPER

No. 95

Cutting edge suitable for any kind of wood.

Superior quality and highly tempered.



Each	List	\$1.35
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SIMPLEX SCRAPER

No. 96

Highly tempered and durable.

An excellent scraper for light work.

Cut $2\frac{1}{4}$ inches.

Each	List	\$.80
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Adopted to cleaning close to the chime of barrels, evening up joints or removing marks from wooden shipping packages of all kinds.



ADJUSTABLE SCRAPER

No. 97



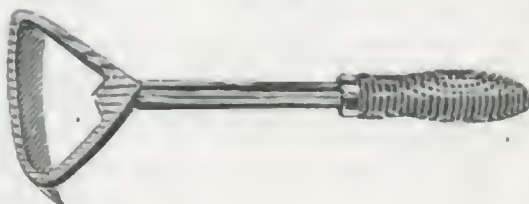
Thirteen inch maple handle, hinged at frame, which can be tilted to any desired angle. This permits the tool to be worked in many places inaccessible to other scrapers.

Frame Japanned

2 inch blade	List	.65
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SINGLE HANDLED SCRAPER

No. 98



Crucible steel, oil tempered blade. Polished, ribbed handle. An excellent moderate priced tool.

Each	List	.95
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CROSS-BAR SCRAPER

No. 99



This bar gives additional leverage and guidance in deep cutting. Strongly made for heavy use.

Each	List	\$1.60
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HORSESHOE SCRAPER



An excellent general utility scraper. Built for heavy work and long wear.

No.	List
100	\$1.25
101	1.90

-(Extra heavy)

TRIANGULAR SCRAPER

No. 102



An excellent scraper for all classes of light work. Blades can be replaced. The shape and sharp corners make this tool doubly useful in removing marks close to the chime.

Each	List	.65
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ADJUSTABLE PLANE No. 103



This plane has a flexible steel face which can be accurately adjusted for planing the inside or outside circles. The face is fastened at the center of the plane body and adjusted at the ends by means of a screw-controlled lever. Note particularly the graduated scale for setting the face. The knife is self-adjusting. Length 10 inches $1\frac{1}{2}$ inch cutter.

Each	List	\$3.50
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COLWELL NAILING FORM No. 104

This form should be in every shop which uses barrels. The foot treadle controls a clamp which holds the hoop firmly in place while nailing.

The anvil head is shaped to clinch the nails firmly and without splitting the hoop.



Each	List	\$3.75
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RAISING IRON

No. 105



A convenient and staple tool for the raising of barrel heads.
Full polished dagger style.

Length 8 1/4 inches	List	.65
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COOPER'S VISE

No. 106



Special, gim-
blet point and
cleanly cut
threads.

A valuable as-
sistant in setting
tight barrel
heads.

Each	List	75
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HEAD RAISER

No. 107



For raising heads in filled packages. Keeps the head intact
without damaging the contents.

Length 12 inches	List	.65
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HEAD OR STAVE JOINTER Double Iron



No.	Length	Wood	Iron (Cut)	List
108	3-3 1/2 ft.	Maple	2 1/2 ins.	\$2.50
109	4-4 1/2 "	"	2 3/4 "	3.15
110	5-5 1/2 "	"	2 3/4 "	3.95
111	6 "	"	2 3/4 "	5.50

Note: A pair of coopers' jointers consists of a head and stave jointer. A head jointer is made with straight flat face, while the other has an angled face. We do not list single iron jointers because experience has taught that the double iron variety lasts longer and does cleaner work. If there is any particular work for which you require a single iron style, we will be glad to supply it.



LEVELER



No.	Size	Wood	List
112	Barrel	Apple	\$1.60
113	Hogshhead	Apple	1.90

DOUBLE-IRON

This illustrates a double iron.

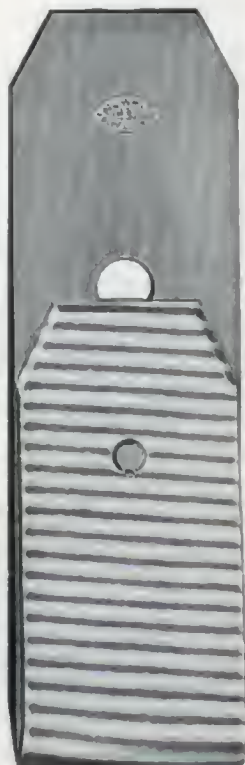
No.	Cut	List
114	2 1/2 ins.	\$1.35
115	2 1/4 "	1.65
116	3 "	1.85
117	3 1/4 "	1.95
118	3 1/2 "	2.10
119	4 "	2.20
120	4 1/2 "	2.50

SINGLE-IRON

No.	Cut	List
121	2 1/2 ins.	\$.75
122	2 1/4 "	.90
123	3 "	1.10
124	3 1/4 "	1.15
125	3 1/2 "	1.20
126	4 "	1.25
127	4 1/2 "	1.60

CAPS

The different in prices between single and double irons of the same width will be the price of caps.





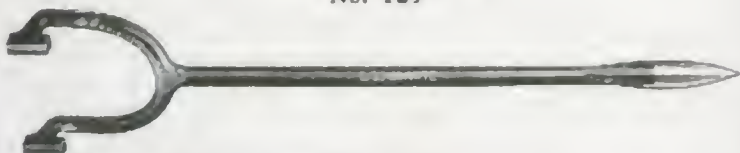
BEAK HORN AND ANVIL
No. 128



Rivet hole in butt and point shaped for splaying.
Average weight 19 lbs. each.
Special styles made for railroad and steamship coopers.

Per Pound	List	.35
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FLAGGING IRON
No. 129



Made with sharp, hand-filed teeth.
Length 20 $\frac{1}{2}$ inches.

Each	List	\$1.25
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NAILING BLOCK
No. 130



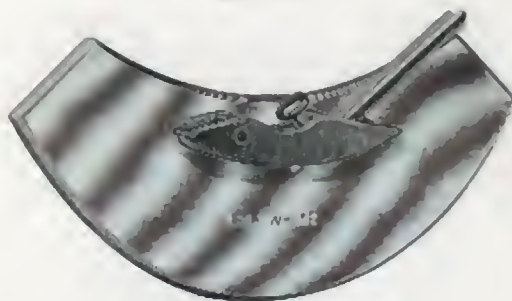
For nailing slack hoops.

Each	List	.85
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IMPROVED IRON BLOCK CROZE

No. 131



For slack coopeage.

Each	List	\$1.90
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O. K. CHAMFER-HOWEL

No. 132



Each	List	\$3.75
No.		List
133	O. K. Combination Croze-Howel	7.50
134	" Croze	3.75

We strongly advocate the use of this O. K. line.



STANDARD CROZE Tight Cooperage



No.		List
135	Beech	\$1.45
136	Apple	2.20

Extra croze irons per set 35 cents net.

BEER BARREL CROZE

Same style as above.

No.		List
137	Beech	\$2.50
138	Apple	2.85

Extra croze irons per set 65 cents net.

OIL POST CROZE No. 139



Easily and accurately adjusted.

Each	List	\$3 15
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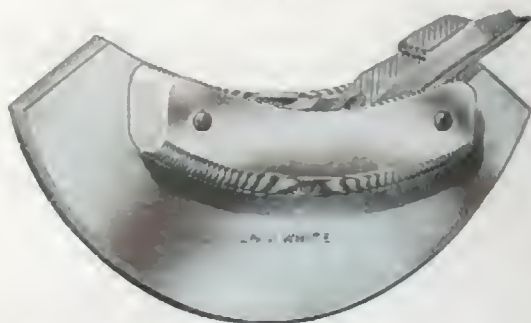
POST CROZE IRONS

The oil post croze requires three irons. These are termed lance irons and sold only in complete sets.

Per set	List	\$.50
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HOWEL



For tight cooperage. 2 inch iron and 20 inch circle.

No.		List
140	Beech	\$1.85
141	Apple	2.20

V IRON

No. 142



Not warranted.	List	\$.60
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SQUARE IRON

No. 143



Each	List	\$.95
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In ordering mention name and manufacturer of croze the iron is to be used with.



GAUGE ROD



No. 144	3 ft. straight, maplewood 120 gallon; inches and wantage tabler, brass point.	List	.65
No. 145	4 ft. straight, maplewood, 300 gallon; inches and wantage tabler, brass point.	List	\$1.15
No. 146	3 ft. straight, lancewood, ivory face, steel point	List	\$2.25
No. 147	3ft. all steel, ivory face, boxwood handle wantage tabler.	List	\$7.50
No. 148	Brass slides for gauge rods.	List	\$1.00

WANTAGE ROD



No.		Gallons	List
149	8 line Maplewood	16 to 120	\$.65
150	12 " "	16 " 200	.95
151	8 " Boxwood	16 " 120	.95
152	12 " "	16 " 200	1.25

DIRECTIONS FOR USE OF GAUGE ROD

Place the barrel so that bung hole is on top; insert the sharpened end of the gauge rod in a slanting direction through the bung hole until it reaches the joint of the head and stave directly under the stave which contains the bung hole. Hold your rod so that the side which is marked with the number of gallons is uppermost.

Notice exactly where the rod crosses the underside of the middle of the bung hole. Reverse the rod placing point in same way at opposite end and notice whether the bung hole is equally distant from each end of barrel. In the event that the bung hole is not so situated, take the average between measurements and this will give the capacity of the barrel.

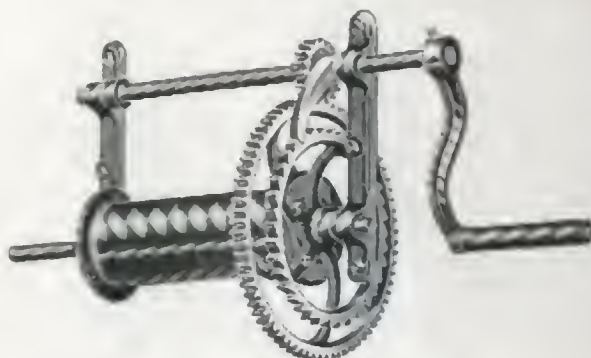
WANTAGE ROD

The wantage rod should be used to determine the number of gallons needed to fill a puchage. Insert the rod perpendicularly through the center of the bung hole until the brass plate is just below the inside of the stave. When withdrawn, note where the liquid shows on the rod and the number corresponding to that mark subtracted from the desired quantity will show the number of gallons needed.



WINDLASS

No. 153



An excellent illustration of a thoroughly efficient tool.
Every shop that makes barrels should have a windlass.

Complete and ready to attach to frame.	List	\$11.25
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IMPROVED PULLEY

No. 154



Can be used either with or without the windlass.

Each	List	.75
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**BARREL HEADER.
SCREW PRESS**
No. 155

For use in heading up filled packages in slack lines. Will give satisfaction and is almost a necessity in filling such packages.

Each	List	\$1.90
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SETTING-UP FORM
No. 156



Weights about 135 lbs. with one ring.

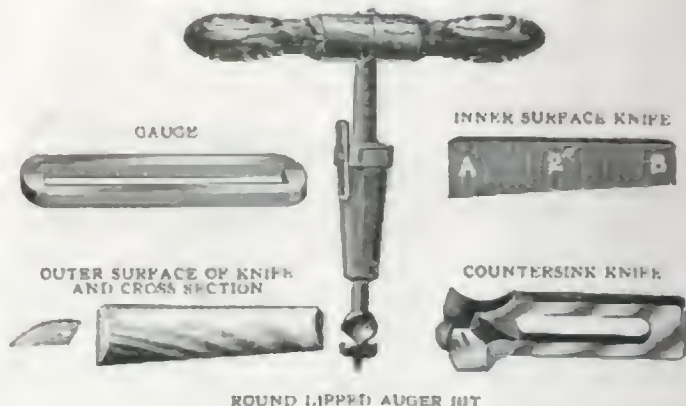
Complete with one ring	List	\$12.50
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Rings for any standard sized packages can be furnished. In ordering be sure you specify the size of ring desired.

Extra rings from \$.75 to \$2.50 net.



KIRBY PATENT BUNG BORER



Efficient, quick and accurate. Any part can be renewed.

For grinding knives
10c. each net.



Since the knife does the actual work, care should be taken in grinding only the flat surface.

No.	Size	Dia. Hole	Auger included	List
157	1 in.	$\frac{1}{8}$ -6-1 in.	no	\$ 5.60
158	1 $\frac{1}{8}$ ins.	1-1 $\frac{1}{8}$ ins.	"	5.60
159	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ -1 $\frac{1}{4}$ "	yes	7.85
160	2 "	1 $\frac{1}{2}$ -2 "	"	7.85
161	2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ -2 $\frac{1}{4}$ "	"	8.45
162	2 $\frac{1}{2}$ "	2-2 $\frac{1}{2}$ "	"	9.10
163	3 "	2 $\frac{1}{2}$ -3 "	"	10.15
164	3 $\frac{1}{2}$ "	3-3 $\frac{1}{2}$ "	"	13.70
165	4 "	3 $\frac{1}{2}$ -4 "	"	16.95
166	4 $\frac{1}{2}$ "	4-4 $\frac{1}{2}$ "	"	19.50
167	5 "	4 $\frac{1}{2}$ -5 "	"	22.75

Augers for Machine Reamer

No.	Size	For reamer	List
168	1 $\frac{1}{2}$ in.	2 ins.	\$2.15
169	1 $\frac{3}{4}$ ins.	2 "	2.40
170	1 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2.60
171	1 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	3.00
172	2 $\frac{1}{4}$ "	3 "	3.50

Extra knife blades, each

Extra handles

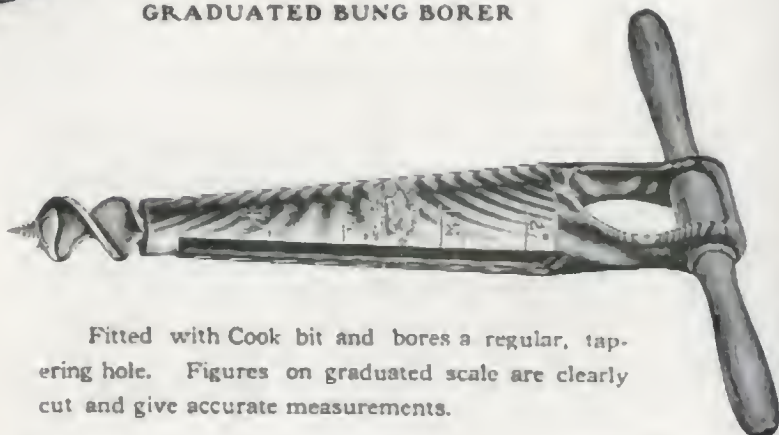
List

\$1.35

.35



GRADUATED BUNG BORER



Fitted with Cook bit and bores a regular, tapering hole. Figures on graduated scale are clearly cut and give accurate measurements.

No.	Inches	List
173	$\frac{1}{8}$ to $1\frac{1}{2}$	\$1.60
174	$1\frac{1}{2}$ " 2	2.20
175	$\frac{1}{2}$ " 3	3.15
Extra Bits		
For No.		List
173	borer	.45
174	"	.70
175	"	.95

RING TAP AND BUNG BORER

Gimblet point. Very useful in enlarging worm and nail holes for plugging.



No.	Size	List
176	$1\frac{1}{4}$ inches	.85
177	$1\frac{1}{2}$ "	.95



BARREL HOOKS



No. 178 List \$1.50
Complete as illustrated

No. 179 Without rings and extension bars,

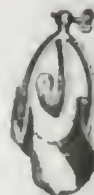
hooks only per pair List \$1.15

BUNG SPOUT

No. 180

Made of wrought iron with non-leak rubber gasket.

Metal parts heavily japanned. Sometimes called
a bung-lip.



Each	List	\$1.45
Extra gaskets, each	"	.20
Thumb screws "	"	.20

CHINCING IRON

No. 181

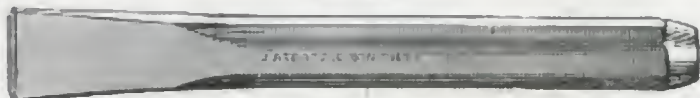


For caulking tight barrels List .65

Also called a caulking iron.



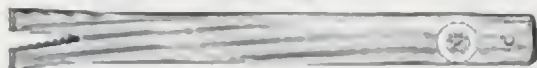
COLD CHISEL No. 182



Made of high grade solid cast steel carefully hardened and tempered.
Octagon shape with polished blade.

Length 7 ins.	List	\$.65
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BOX CHISEL No. 183



A handy and powerful ripping chisel. Will pull nails without bending them.

Length 10 inches	List	\$.65
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RIVET SET



For iron rivets

No.		List
184	1 hole	\$.35
185	2 holes	.25

ROUND PUNCH No. 186



Used for punching or enlarging rivet holes and for general purposes.

Solid cast steel, tapering to specially sized, flat end.

Length 7 inches	List	\$.35
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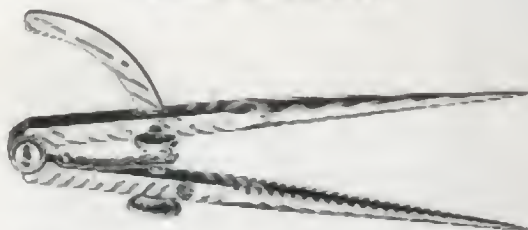
SQUARE PUNCH No. 187

Also known as worm punch. Solid cast steel square point.

Length 5 inches	List	\$.35
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WING DIVIDERS



Forged steel, highly polished. Brass joints.

No.	Length	List
188	8 inches	\$.40
189	10 "	.50
190	12 "	.65
191	15 "	.95

PINCERS

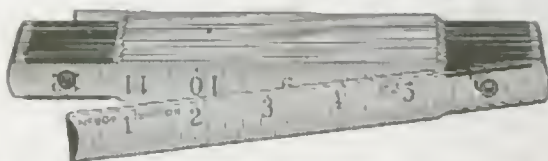
No. 192



Wrought iron with polished steel jaws.

Length 8 inches	List	\$.45
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FOLDING POCKET RULE



Made of best box wood and well jointed.

No.	Length	List
193	24 inches	\$.25
194	36 "	.40
195	48 "	.50
196	60 "	.65



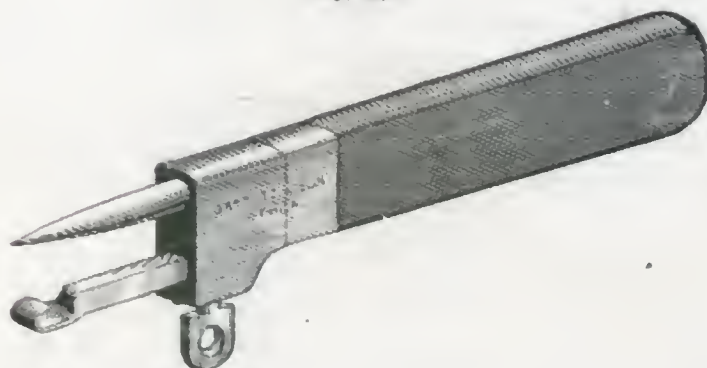
HANDSAW Manufactured by Henry Disston & Sons.



No.	Style	Length	List
197	Crosscut	26 inches	\$1.25
198	Rip	28 "	1.40
199	Crosscut	26 "	2.15
200	Rip	28 "	2.45

Nos. 199 and 200 are the better grade.

SCRIBER No. 201



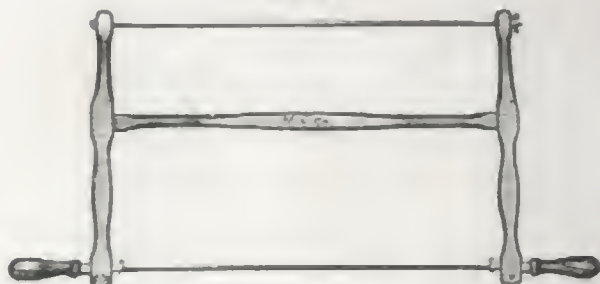
Standard U. S. Custom House pattern.
 Rosewood handle, brass top and ferrules.

Each	List	\$1.60
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Extra cutters listed under "Parts"



SAW



For general purposes where other than straight lines are to be followed.

No.	Length	Width blade	List
202	24 inches	$\frac{3}{8}$ to $\frac{1}{2}$	\$1.40
203	30 "	" " "	1.60
204	36 "	" " "	1.75

Extra blades listed under "Parts"

WISE

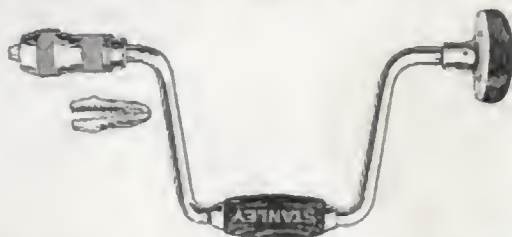


Swivel base. Base is locked by taper-head bolt and held permanently in line. This also eliminates the "chatter."

No.	Jaws	Opens	Weight	List
205	2 $\frac{1}{2}$ inches	3 $\frac{1}{2}$ inches	20 lbs.	\$ 2.95
206	3 "	4 "	28 "	3.75
207	3 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	36 "	4.35
208	4 "	6 "	50 "	5.25
209	4 $\frac{1}{2}$ "	7 "	64 "	6.20
210	6 "	10 "	153 "	15.45



NON-RATCHET BRACE



The recesses in the chuck body for receiving the jaws are accurately machined, thus holding them true and insuring a firm grip on the shank of the bit.

No.	Sweep	List
211	8 ins.	\$.70
212	10 "	.75
213	12 "	.85

RATCHET BRACE

Same as above with ratchet attachment.

No.	Sweep	List
214	8 ins.	\$1.20
215	10 "	1.35
216	12 "	1.60

JENNINGS PATTERN BIT



Extra care is taken in every process through which this bit passes and it may almost be called a hand-made bit. Unquestionably the finest bit on the market for general purposes.

No.	Size	List
217	$\frac{1}{8}$ ins.	\$.20
218	$\frac{3}{16}$ "	.20
219	$\frac{1}{4}$ "	.20
220	$\frac{5}{16}$ "	.25
221	$\frac{3}{8}$ "	.35
222	$\frac{7}{16}$ "	.35
223	1 "	.45
224	1 $\frac{1}{2}$ "	.50



CORUNDUM GRINDER

A thoroughly reliable
grinder for general use.

Made of the best vit-
rified corundum.

No.	Weight	Size Wheel	List
225	6 1/2 lbs.	5 x 1 inch	\$3.75
226	12 "	6 x 1 1/4 "	5.00
227	17 "	7 x 1 1/4 "	6.25

For foot attachment add to list, \$1.00 net.

OIL STONE

Any equipment including
edged tools is incomplete
without an oil stone.
Prices include box which
prevents breakage and
keeps the stone free
from dust.



No.	Size	List	No.	Size	List
228	6x2x1 ins.	\$1.00	231	6x2x1 ins.	\$1.00
229	7x2x1 "	1.15	232	7x2x1 "	1.15
230	8x2x1 "	1.25	233	8x2x1 "	1.25

Numbers 228, 229 and 230 are closer, finer stones. All are
guaranteed to give satisfaction, but numbers 231, 232 and 233
are faster cutters.



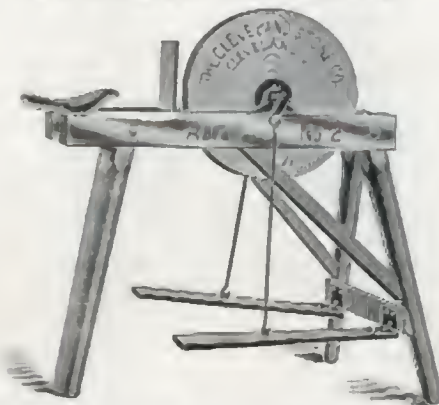
GRINDSTONE



A thoroughly reliable stone set in well made and substantial hickory frame. Furnished with crank complete.

No.	List
234	\$7.85
235	8.75
236	9.10

AUTO-SEAT GRINDSTONE

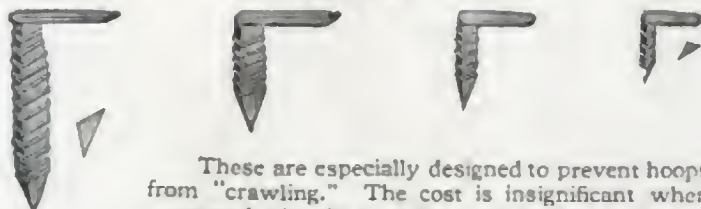


Same stone as above set into steel frame with seat and foot treadles. These latter give steady even running and make unnecessary the second man at the grindstone.

No.	List
237	\$6.25
238	6.90
239	7.50



HOOP KEEPERS No. 240



These are especially designed to prevent hoops from "crawling." The cost is insignificant when compared with the possible loss of contents should the hoops crawl and allow the staves to spread. Well ribbed and carefully headed.

Size	List	Size	List
$\frac{1}{2}$ inch	per keg \$7.50	$\frac{3}{4}$ inch	per keg \$5.65
$\frac{3}{4}$ "	5.65	1 "	5.65

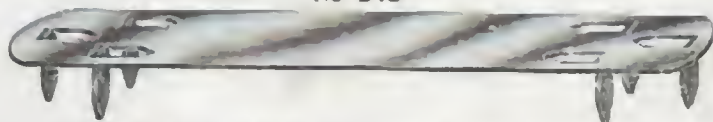
BLACK IRON RIVETS No. 241



Black iron rivets of the better kind for all classes of tight work. Illustrations show actual size of rivets.

Size	List	Size	List
4 lbs.	\$5.00	8 & 9 lbs.	\$4.25
5 "	4.70	10 "	4.10
6 "	4.50	12 "	3.95
7 "	4.40	14 "	3.90

BUNG FASTENER No. 242



The rolling of a barrel may cause air compression and force out the bung. These fasteners are inexpensive and will absolutely prevent a possible loss at this source. Prongs are driven into the stave on either side of the bung, the cross band effectually holding the bung in place.

Length	Prongs	List	Length	Prongs	List
3 $\frac{1}{2}$ ins.	4	per M \$4.40	5 ins.	4	per M \$4.70
4 "	4	4.40	6 "	4	5.00

Barrels contain 5000 to 10000 according to size.
Extra discount on barrel lots.



BARREL HEATERS

The Champion Barrel Heater stands alone as the best on the market to-day. Invented and perfected by a practical cooper, it combines perfect service with safety from fire. The removable ash pan and lid together with the fact that all parts may be replaced if broken, make this heater a most economical purchase.

No.	List
243 is for sugar barrels and general use	\$18.75
244 is used for flour barrels	18.75
245 is a keg size	16.25



We can also supply other heaters, as follows:

No.		List
246	Eureka	\$18.75
247	Alcott	18.75
248	Sherman	15.65
249	Jacobs	15.65



CHAMPION HEATER PARTS

To avoid mistakes when ordering repairs, you are requested to order by designated letters only and be sure to state whether repair for heater No. 261, 244 or 245



SEE LIST ON PAGE 2



COVER FASTENER

No. 250

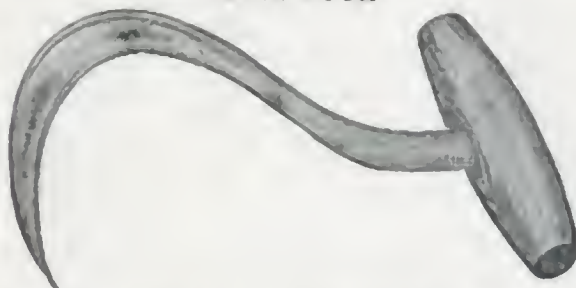


Indispensible for the fastening of covers onto pails, baskets, fruit and berry crates.

They drive easily and hold where nails would split the wood.

25 lb. boxes	List per lb.	\$.20
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BALE HOOK

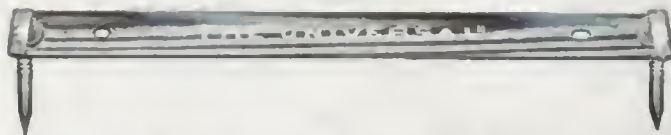


A strong substantial hook for general use. Properly shaped and well handled.

No.	Size	List
251	8 inches	\$.35
252	10 "	.45
253	12 "	.50

COVER FASTENER

No. 254



The best fastener for holding covers on lard or butter tubs. Easy to handle and holds the covers securely in place.

Packed in boxes of 500 and 1000 each.

List	Per 1000	\$1.90
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NAILS

Common cut No. 255

" wire " 256

Coated wire No. 257

Shingle " 258

Owing to fluctuation it is impossible to put a list price on nails, therefore a base price will be quoted upon application. The base price you will receive added to the extras quoted below will give you the net selling price of the various sizes.

Size	Length	Approx. No. 2 lbs.	Advance over base price
2d	1 inches	876	\$.70
3d	1 1/4 "	568	.45
4d	1 1/2 "	316	.30
5d	1 3/4 "	271	.30
6d	2 "	181	.20
7d	2 1/4 "	161	.20
8d	2 1/2 "	106	.10
9d	2 3/4 "	96	.10
10d	3 "	69	.05
12d	3 1/4 "	63	.05
16d	3 1/2 "	49	.05
20d	4 "	31	base
30d	4 1/2 "	24	"
40d	5 "	18	"
50d	5 1/2 "	14	"
60d	6 "	11	"

Barbed nails 15c. extra above advances.

Box Nails No. 259

Barrel Nails, wire No. 260
" " cut " 261

Size	Adv.	Size	Adv.
10d and larger	\$.15	1/4 ins.	\$1.00
8d " 9d	.25	3/8 "	.85
6d " 7d	.35	1 "	.70
4d " 5d	.50	1 1/4 "	.60
3d	.70	1 1/2 "	.50
2d	1.15	1 3/4 "	.40
		1 7/8 "	.30

Barbed box nails 15c extra above advances.

CLINCH OR CLOUT NAILS

No. 262

Made on tack machine with extra large heads.

Size	List
1/2 inches	per keg \$5.35
3/4 "	" " 5.00



TACKS

No. 263

Stock as carried consists of cut carpet, upholstery, bill posting and tin tacks for affixing revenue stamps on liquor barrels. Packed in two, four, six, eight and sixteen ounce packages. Also in twenty-five or fifty pound boxes or one hundred pound kegs.

STAPLES

No. 264

Bright, Size	$\frac{3}{8}$ x $\frac{1}{2}$ inch	per keg	List	\$5.35
Coppered "	1 x $\frac{1}{2}$ "	" "	"	5.35
" "	$\frac{3}{4}$ x $\frac{1}{2}$ "	" "	"	5.00
" "	$\frac{1}{2}$ x $\frac{3}{4}$ "	" "	"	5.65
" "	$\frac{3}{8}$ x $\frac{3}{4}$ "	" "	"	6.25

WIRE DOWELS

No. 265

Length $1\frac{1}{2}$ inches	per keg	List	\$5.25
" 2 "	" "	"	5.65

WIRE HOOPS

No. 266

Stocked in nine, ten, eleven and twelve gauge wire.

Sizes: Every inch from fifty-five inches to $\frac{1}{2}$ and including, seventy-three inches.

Other sizes supplied upon specifications.

HOOP IRON

No. 267

Black hoop iron is stocked in continuous coils of about 600 feet in the following sizes:

$1\frac{1}{2}$ x 16 inches	$1\frac{1}{2}$ x 18 inches
$1\frac{1}{2}$ x 16 "	$1\frac{1}{2}$ x 19 "
$1\frac{1}{2}$ x 16 "	$1\frac{1}{2}$ x 19 "
$1\frac{1}{2}$ x 18 "	1 x 20 "

Also cut to length 50 pieces to a bundle and rolled, splayed and punched in bundles of 25 pieces each.

Sizes: $1\frac{1}{2}$ x 18 x 71 inches $1\frac{1}{2}$ x 18 x 81 inches

Galvanized finish or special sizes supplied.



BOX STRAPPING

No. 268



Three reasons why you should use this strapping:

- (1) Ribbed—makes it self-tightening. Nails cannot slip.
- (2) Highest grade, cold rolled steel.
- (3) Japanned to prevent rusting.

Single strapping per coil of 300 ft. List { $\frac{1}{2}$ in. $\frac{3}{4}$ in. 1 in.
 "Twinroll" strapping, per coil of 300 ft. List { \$1.25 \$1.90 \$2.50
 "Twinroll" coils are made double. One measurement and one cut gives strapping for a case. A big timesaving device.

PACKING NEEDLES



Carefully selected steel, properly shaped and well made. Extra strong eyes.

No.	Length	List, each	List, dozen.
269	4 ins.	\$.05	\$.45
270	5 "	.05	.50
271	6 "	.10	.70
272	7 "	.10	.90
273	8 "	.15	1.25

BOX STRAPPING



Cut to length, packed 100 pairs per bundle.
 Same ribbed metal as the rolls above.

No.	Width	Length and list prices per bundle.							
		4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.
274	$\frac{1}{2}$ in.	\$2.50	\$3.15	\$3.75	\$4.40	\$5.00	\$5.65	\$6.25	\$7.50
275	$\frac{3}{4}$ "	3.00	3.75	4.50	5.25	6.00	6.75	7.50	8.65
276	1 "	3.50	4.40	5.25	6.15	7.00	7.90	8.75	10.50
277	$\frac{3}{4}$ "	4.00	5.00	6.00	7.00	8.00	9.00	10.00	12.00
278	1 "	4.50	5.65	6.75	7.90	9.00	10.15	11.25	13.50

Additional discounts quoted on quantities.



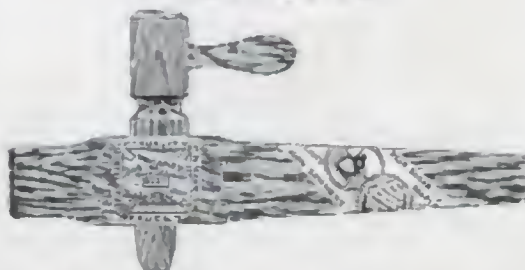
METAL KEY FAUCET



Polished maple body. Truly turned and bored. Key of best block tin.

No.	Length	List. per dozen
279	7 inches	\$ 4.60
280	8 "	5.25
281	9 "	6.00
282	10 "	6.35
283	15 "	7.80
284	21 "	11.00
285	24 "	12.50

WOODEN FAUCET



Turned from rock sugar maple, cork lined and boiled in pure linseed oil. Especially recommended for use in acid containers.

No.	Length	List. per dozen
286	6 inches	\$.90
287	7 "	.95
288	8 "	1.20
289	9 "	1.50
290	10 "	1.80
291	14 "	3.00



WOODEN BARREL COVER



The most practical and sanitary cover offered on the market. Has a cut-out hand grip. A metal backing shield at the hand hole protects against the entrance of dirt. Stout, handy and made for long wear.

No.	Size	List
292	19 inches	\$4.10 per doz.
293	21 "	4.70 "
294	23 "	5.65 "

MEASURES AND FUNNELS



Made of the famous "Fibrotta" ware. Superior in every way to the wooden or tin varieties. The non-absorbing, non-tasting surface is strongly built and with ordinary care will last for years. These are standard measures, sealed according to government specifications on weights and measures.

No.	Size	List
295	Gallon	\$.95
296	2 quart	.85
297	quart	.70
298	pint	.50
299	funnel (large)	.50
300	" (small)	.45



COLCO SUPPLIES

The following, kept in stock in our warehouses, comprising a list too large to illustrate in this catalogue. We will be glad to quote prices upon request.

No.	Article	No.	Article
301	Barrel head strengtheners	312	Glue
302	Barrel paint (36 colors and shades)	313	Hoop dye
303	Baskets	314	Lump chalk
304	Bung cloth	315	Orange box sides
305	Burlap	316	Paraffine
306	Burlap covers	317	Pineapple slats
307	Butt flags	318	Rope, manilla
308	Cabbage slats	319	Sand, white
309	Cotton caulking wick	320	Sheet lead
310	Dowels, hickory	321	Shipping tag fasteners
311	False chimes	322	Silicate of soda
		323	Twine, sewing and wrapping

BUNGHOLE LAMP

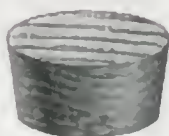
No. 324



This water and weather proof lamp should be in every shop using tight barrels. Made of steel tubing with largest diameter of $1\frac{1}{4}$ inches. Length 25 inches and made for use on a regular electric lighting circuit.

Each	List	\$4.70
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Price does not include lamp cord. If desired completely wired add six cents net per foot for weather proof cord and twenty cents net for screw plug.



BUNGS No. 325

Bungs should be stored in a dry, cool place All sizes are based on the diameter of the larger dimensions
All below are list prices per 1000

Poplar Bungs

Cut or compressed						1 1/2 inches thick	
	Bbl contains				Bbl contains		
1 1/2 in.	5175	\$5.00	2 1/2 in.	1625	\$10.15		
1 1/4 in.	4950	5.00	2 1/2 in.	1500	10.90		
1 1/2 in.	4325	5.00	2 1/2 in.	1450	11.65		
1 1/2 in.	3800	5.20	2 1/2 in.	1325	13.10		
1 1/2 in.	3700	5.40	2 1/2 in.	1200	13.85		
1 1/2 in.	3500	5.60	2 1/2 in.	1100	15.60		
1 1/2 in.	3200	5.70	3 in.	1000	16.85		
1 1/2 in.	2975	6.00	3 1/2 in.	900	18.50		
1 1/2 in.	2775	6.15	3 1/2 in.	825	19.45		
1 1/2 in.	2500	6.70	3 1/2 in.	775	21.50		
2 in.	2375	7.10	3 1/2 in.	725	23.00		
2 1/2 in.	2250	7.60	3 1/2 in.	675	24.70		
2 1/2 in.	2075	8.20	3 1/2 in.	625	26.70		
2 1/2 in.	1950	8.50	3 1/2 in.	600	27.65		
2 1/2 in.	1800	9.00	4 in.	550	30.15		
2 1/2 in.	1750	9.50	5 in.	375	34.45		
			5 1/2 in.	325	50.25		

Cut only		Oak Bungs				1 1/2 in thick	
	Bag contains				Bag contains		
1 1/2 in.	5000	\$5.45	2 1/2 in.	2200	\$ 8.10		
1 1/2 in.	4100	5.50	2 1/2 in.	1950	8.95		
1 1/2 in.	3500	5.70	2 1/2 in.	1750	9.90		
1 1/2 in.	3000	5.90	2 1/2 in.	1500	11.50		
1 1/2 in.	2800	6.15	2 1/2 in.	1400	12.50		
1 1/2 in.	2600	6.60	2 1/2 in.	1300	14.40		
1 1/2 in.	2450	7.20	2 1/2 in.	1100	15.20		
2 in.	2250	7.60	3 in.	900	18.40		

TAPS

Bbl contains		Poplar or Oak				Bbl contains	
1/2 in.	58000	\$3.90	1 in.	10500	\$4.45		
3/4 in.	37400	4.20	1 1/4 in.	9300	4.70		
3/4 in.	23400	4.20	1 1/2 in.	8900	4.75		
3/4 in.	15000	4.25	1 3/4 in.	7900	4.75		
2 in.	14800	4.35	1 3/4 in.	6700	5.00		
2 in.	12700	4.35	1 3/4 in.	5950	5.00		

Cider Taps

1 1/2 inches long.
1 inch to 1 1/4 inch \$6.00
Compressed with the grain

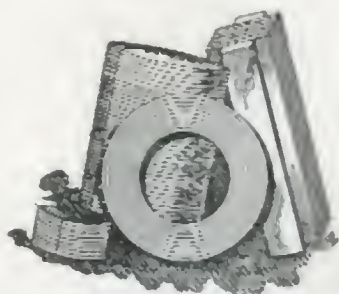
1/2 in.	\$1.00	1/2 in.	\$1.60	1 1/2 in.	\$9.15
3/4 in.	1.15	3/4 in.	1.85	1 3/4 in.	7.65
3/4 in.	1.35	1 in.	2.15		
2 in.	1.45	1 in.	2.40		

PLUGS

1/2 in.	\$1.00	1/2 in.	\$1.60	1 1/2 in.	\$9.15
3/4 in.	1.15	3/4 in.	1.85	1 3/4 in.	7.65
3/4 in.	1.35	1 in.	2.15		
2 in.	1.45	1 in.	2.40		

SPILES

Bbl contains		Pup Spruce or White Oak		Red Cedar or Porous Oak	
1/4 in.	180000	\$.75			
3/8 in.	95000	.90			
1/2 in.	47000	.90			
3/4 in.	35000	1.45			
1 in.	48000	1.45			
1 1/2 in.	33000	1.90			
2 in.	35000	2.35			
2 1/2 in.	36000	2.90			
3 in.	27000	2.90			



COOPERAGE STOCK

It is our aim to always carry a complete stock of sizes and commodities most in demand. We list here sizes and woods which are usually stocked in our three warehouses.

HEADING

(Slack)

Inches	Inches	
9	15	Hardwood heading consists of beech, birch and maple.
10 $\frac{1}{4}$	15 $\frac{1}{2}$	
10 $\frac{1}{2}$	16	
10 $\frac{3}{4}$	16 $\frac{1}{2}$	
11	17 $\frac{1}{4}$	Softwood heading is made up from cottonwood, poplar and basswood.
11 $\frac{1}{4}$	18	
12	18 $\frac{1}{2}$	
12 $\frac{1}{4}$	18 $\frac{1}{2}$	Gum heading includes both red and white gum wood
12 $\frac{1}{2}$	19 $\frac{1}{4}$	
13	20	Pine heading is made from the best yellow pine and can be supplied either air dried or kiln dried.
13 $\frac{1}{4}$	21	
13 $\frac{1}{2}$	22	
14	23	
14 $\frac{1}{2}$	24	

Slack heading is carried in three grades number one, mill run and number two and is always kiln dried except in the case of pine as specified above.

STAVES

(Slack)

Sizes		
Inches	Inches	Fruit staves are 24 $\frac{1}{2}$ in in length
20	28 $\frac{1}{2}$	Chamfered and cored small keg staves are 18 in long
22	30	
24	34	

Tobacco hogshead staves also in stock.

Staves are stocked in pine, gum, elm and hardwood.



HEADING

(Tight)

Size			
10	inches	19 ¹ / ₂	inches
12	"	19 ¹ / ₂	"
13 ¹ / ₂	"	21	"
14	"	21 ¹ / ₂	"
14 ¹ / ₂	"	22	"
15	"	22 ¹ / ₂	"
15 ¹ / ₂	"	23	"
16	"	24	"
16 ¹ / ₂	"	25	"
17	"	26	"
17 ¹ / ₂	"	27	"
17 ¹ / ₄	"	28	"
18	"	29	"
18 ¹ / ₂	"	30	"
19	"	31	"
		32	"

Ash heading in tar oil tierce and pork grades

Oak heading, white or red in tar, grease, oil, vinegar wine and whiskey grades.

Quin heading, inter, syrup glucose oil and reeking grades.

Pine heading, white, inter syrup, molasses and glucose grades.

Log heading can be furnished in any of the above woods.

All tight heading is dowed and has flagged joints.

PATENT OR COILED ELM HOOPS

Are carried in the following sizes: 6 ft. 9 ins., 6 ft. 6 ins., 6 ft., 5 ft. 6 ins., 5 ft., 4 ft. 8 ins., 4 ft. 4 ins., 4 ft., and 3 ft. 8 ins.

Three grades; "Colco" gray elm, number one gray elm and number one red elm.

LINERS

(Wooden)

Two kinds; Curved and Straight.

Sizes; 12, 14, 16 and 18 inches in length.

Twelve and fourteen inch curved liners are packed three thousand to a bale comprising fifteen bundles.

Sixteen and eighteen inch curved liners are packed two thousand four hundred to a bale of twelve bundles.

SHAVED BARK HOOPS AND STRAPS

Stocked in hickory, oak, ash, birch, chestnut, maple, rock oak and various softwoods.

Sizes as follows;

16 ft., 15 ft., 14 ft. 6 ins., 12 ft., 10 ft., 9 ft. 6 ins., 8 ft. 6 ins., 7 ft. 6 ins., 6 ft. 6 ins., 5 ft. 6 ins. and 4 ft. 6 in.

These hoops are all hand shaved.



INDEX Coopers, Railroads and Steamships. **TOOLS**

	Page		Page
Adze	4	Hollowing Shaves	11
Anvils	16, 20	Hooks, Barrel	29
Augers	27, 28, 34	Hoop Set	9
Axes	6	Howels	21, 23
Bale Hooks	40	Irons, Croze	23
Barrel Headers, Screw Press	26	" Jointer	19
Barrel Hooks	29	" Raising	17
Beakhorn	20	Jointers	16
Bitts	27, 28, 34	Knife, Chamfer	10
Box Chisel	30	" Whittling	8
Braces	34	Leveler	19
Bung Borers	27, 28	Mallets	6
" Chisel	4	Nailing Blocks	16, 20
Bunghole Lamp	46	Needles,	43
Bung Pick	4	Oil Stones	35
" Spout or Lip	29	Paris, Extra Tool	2, 39
" Starters	4	Pincers	31
Caulking Iron	29	Planes	16, 18, 19
Chamfer-Howel	21	Pulley	25
" Knives	10	Punches	30
Chime Maul	8	Raising Iron	17
Chincing Iron	29	Rivet Sets	30
Cold Chisels	30	Rules	31
Compasses	31	Saws	32, 33
Coopers' Vise	17	Scrapers	13, 14, 15
Corundum Grinders	35	Scribers	32
Crozes	21, 22	Setting-up Form	26
Dividers, Wing	31	Shaves	11
Draw Knives	10, 11	Slides, Gauge Rod	24
Drivers, Hoop	7, 8, 9	Spoke Shaves	12
Flagging Iron	20	Square Irons	23
Gauge Rods	24	Tross Hoops	1
Grindstones	36	Vises	17, 33
Hammers	3	" V" Irons	23
Handles, Tool	2	Wantage Rods	24
Hatchets	5	Windlass	25
Head Raisers	17		
Heaters, Barrel	38		
" " Parts	2, 39		

SUPPLIES

Barrel Head Strengtheners	46	Dowels	42, 46
Baskets	46	False Chimes	46
Box Strapping Metal	43	Faucets	44
Box Strapping Wooden	49	Flags, Butt	46
Bungs	47	Glue	46
Bung Cloth	46	Heading, Barrel	43, 49
" Fasteners	37	Hoop Dye	46
Burlap	46	" Keepers	37
" Covers	46	Hoops, Metal	42
Cabbage Slats	46	" Wooden	49
Caulking Wick, Cotton	46	Liners	49
Chalk, Lump	46		
Cover Fasteners	40		

INDEX (Continued) **Coopers, Railroads and Steamships** **SUPPLIES**



	Page		Page
Measures	45	Sand, White	46
Nails	41	Sheet Lead	46
Orange Box Sides	46	Shipping Tag Fasteners	46
Paint, Barrel	46	Silicate of Soda	46
Paraffine	46	Spiles	47
Pineapple Slats	46	Staples	42
Plugs	47	Staves, Barrel	48
Rivets	37	Straps, Shaved Wooden	49
Rope	46	Tacks	42
		Taps	47
		Twine	46
		Wire Bale Ties	46

Produce Dealers and Packers.

TOOLS

Adze	4	Jointers	18
Bale Hooks	40	Knife	8
Barrel Header, Screw Press	26	Mallets	6
Barrel Hooks	29	Nailing Forms	16, 20
Bits	27, 28, 34	Needles	43
Box Chisel	30	Oil Stones	35
Brass	34	Parts, Extra Tool	2, 39
Chime Maul	8	Pincers	31
Cold Chisels	30	Planes	16, 18, 19
Compasses	31	Pulley	25
Corundrum Grinders	35	Punches	30
Crucibles	21, 22	Raising Irons	17
Dividers, Wing	31	Rules	31
Draw Knives	10, 11	Saws	32, 33
Drivers, Hoop	7, 8, 9	Scrapers	13, 14, 15
Grindstones	36	Spoke Shaves	12
Hammers	3	Truss Hoops	1
Handles, Tool	2	Windlass	25
Hatchets	5		
Head Raisers	17		
Irons, Jointer	19		
" Square and "V"	23		

Produce Dealers and Packers.

SUPPLIES

Barrel Covers	45	Nails	41
Head Strengtheners	46	Orange Box Sides	46
Baskets	46	Pineapple Slats	46
Butlap	46	Rope	46
Covers	46	Shipping Tag Fasteners	46
Box Strapping Metal	43	Staples	42
Wooden	49	Staves	48
Cabbage Slats	46	Straps Wooden	49
Chalk, Lump	46	Tacks	42
Cover Fasteners	40	Twine	46
Heading, Barrel	48, 49	Wire Bale Ties	46
Hoop Wire	42		
Elm	49		
Hoops Shaved	49		
Liners	49		



INDEX

Gaugers and Dealers in Liquors, Oils, Molasses Etc.

TOOLS

	Page		Page
Adze	4	Handles, Tool	2
Anvils	16, 20	Hatchets	5
Augers	27, 28, 34	Head Raisers	17
Axes	6	Hoop Set	9
Bale Hooks	40	Howel	21, 23
Barrel Hooks	29	Irons, Croze	23
Beakhorn	20	" Jointer	19
Bits	27, 28, 34	Jointers	18
Box Chisel	30	Knife, Chamfer	10
Braces	34	" Whittling	8
Bung Boreas	27, 28	Mallets	6
" Chisel	4	Oil Stones	35
Bunghole Lamp	46	Parts, Extra Tool	2
Bung Pick	4	Pincers	31
" Spout or Lip	29	Planes	16, 18, 19
" Starter	4	Punches	30
Caulking Iron	29	Rivet Sets	30
Chime Maul	8	Rules	31
Chincing Iron	29	Raising Iron	17
Cold Chisels	30	Saws	32, 33
Compasses	31	Scrapers	13, 14, 15
Corundum Grinder	35	Scribers	32
Crozes	21, 22	Slides, Gauge Rod	24
Dividers Wing	31	Shaves, Hollowing	11
Draw Knives	11	Spoke Shaves	12
Drivers, Hoop	7, 8, 9	Truss Hoops	1
Flagging Iron	20	Vibes	17, 33
Gauge Rods	24	Wantage Rods	24
Grindstones	36		
Hammers	3		

SUPPLIES

Barrel Covers	45	Hoop Keepers	37
" Head Strengtheners	46	Hoops, Shaved	49
Box Strapping Metal	43	Measures	45
" Wooden	49	Nails	41
Bungs	48	Needles	43
Bung Cloth	46	Paint, Barrel	46
" Fasteners	37	Paraffine	46
Burlap	46	Plugs	47
" Covers	46	Rivets	37
Caulking Wick, Cotton	46	Rope	46
Chalk, Lump	46	Sand, White	49
Cover Fasteners	40	Sheet Lead	46
Dowels	42, 46	Shipping Tag Fasteners	46
False Chimes	46	Silicate of Soda	46
Faucets	44	Straps, Wooden	49
Meggs Hatt	46	Spiles	47
Funnels	45	Tape	47
Gloc	46	Tacks	42
Heading Barrel	49	Twine	41
Hoop Iron	42		

INDEX

Shipping Room and Warehouse



TOOLS

	Page		Page
Adac	4	Hammers	3
Anvils	16, 20	Handles, Tool	2
Augers	27, 28, 34	Hatchets	5
Axes	6	Head Raisers	17
Bale Hooks	40	Iron, Plane and Jointer	19
Barrel Header, Screw Press	26	Jointers	18
Barrel Hooks	29	Knife	8
Beak Horn	20	Mallets	6
Bits	34	Nailing Block	16, 20
Box Chisel	30	Needles,	43
Braces	34	Oil Stones	35
Bung Botes	27, 28	Parts, Extra Tool	2
" Chisel	4	Pincers	31
Hung-hole Lamp	46	Planes	16, 18, 19
Hung Pick	4	Punches	30
" Spout or Lip	29	Raising Iron	17
" Starters	4	Rivet Sets	30
Caulking Iron	29	Rules	31
Chime Maul	8	Saws	32, 33
Chiming Iron	29	Scrapers	13, 14, 15
Cold Chisels	30	Scribers	31
Compasses	31	Slides, Gauge Rod	24
Corundum Grinders	35	Spoke Shaves	12
Dividers, Wing	31	Truss Hoops	1
Draw Knives	10, 11	Vises	17, 33
Drivers, Hoop	7, 8, 9	Wantage Rods	24
Flagging Iron	20		
Gauge Rods	24		
Grindstones	36		

Shipping Room and Warehouse

SUPPLIES

Barrel Covers	45	Hoops, Wooden	49
" Head Strengtheners	46	Liners	49
Baskets	46	Measures	45
Box Strapping Metal	43	Nails	41
" " Wooden	49	Orange Box Sides	46
Bungs	47	Paint, Barrel	46
Bung Cloth	46	Paraffine	46
" Fasteners	37	Pineapple Slats	46
Burlap	46	Rivets	37
" Covers	46	Rope	46
Cabbage Slats	46	Sand, White	46
Caulking Wick, Cotton	46	Sheet Lead	46
Chalk, Lump	46	Shipping Tag Fasteners	46
Cover Fasteners	40	Silicate of Soda	46
Dowels	42, 46	Staples	42
False Chimes	46	Staves, Barrel	46
Faucets	44	Straps Shaved Wooden	49
Flags, Butt	46	Tacks	42
Funnels	45	Twine	46
Glue	46	Wire, Bale Tie	46
Heading, Barrel	48, 40		
Hump Keepers	37		
Hump Metal	42		



GENERAL INDEX

	Page		Page
Adze	4	Dividers, Wing	31
Adze-Eye Hammer	3	Double Irons	19
Anvils	16, 20	Dowels	42, 46
Augers	27, 28, 34	Draw Knives	11
Axes	6	Drivers, Hoop	7, 8, 9
		Dye, Hoop	46
Bale Hooks	40	False Chimes	46
Bale Ties, Wire	46	Fasteners, Bung	37
Bark Hoops	49	" Cover	40
Barrel Covers	45, 46	" Hoop	37
Barrel Header Screw Press	26	" Shipping Tag	46
Heading	48, 49	Mascots	44
Head Strengtheners	46	Flagging Iron	20
Heaters	38	Flaggs Coopers' Ball	46
Heater Parts	2, 39	Form, Nailing	16
Hooks	29	Setting-Up	26
Hoops	42	Funnels	45
Liners	40		
Nails	41	Gauge Rods	24
Paint	46	Gaugers' Index	52
Staves	43	Southern	32
Baskets	46		
Basket Fasteners	40	Glue	46
Beakhorn	20	Grinders	35, 36
Bits	27, 28, 34	Grindstones	36
Box Chisel	30		
Box Strapping	43	Hammers	3
Bruces	34	Hand Punches	30
Bungs	47	Handles, Tool	2
Bung Borers	27, 28	Hand Saws	32
Chisel	4	Hatchets	5
Cloth	46	Heading, Barrel	48, 49
Fasteners	37	Head Jointers	18
Bunghole Lamp	46	Liners	49
Bung Pick	4	Raisers	17
Spout or Lip	29	Heading Shave	11
Starter	4	Head Strengtheners, Barrel	46
Butlap	46	Heaters, Barrel	38
Covers	46	Heater Parts, Barrel	2, 39
Butt Flaggs	46	Hickory Dowels	46
Cabbage Slats	46	Hollowing Shave	11
Caulking Iron	29	Hooks, Bale	40
Wick, Cotton	46	Barrel	29
Chalk, Lump	46	Hoop Drivers	7, 8, 9
Chamfer-Howel	21	Dye	46
Knives	10	Keepers	37
Chimes, False	46	Set	9
Chime Maul	8	Shave	11
Chiseling Iron	29	Hoops, Bark	49
Chinch Nails	41	Lin	49
Cloot Nails	41	Iron	42
Cooled Elm Hoops	49	Shaved	49
Cold Chisels	30	Truss	1
Cooperage Stock	47, 48, 49	Wire	42
Coopers' Axes	6	Howel	21, 23
Flaggs	46		
Hammers	3	Index, Coopers'	50, 51
Index	50, 51	Gaugers'	52
Cooper's Pulley	25	Liquor & Liquor Dealers	52
Saws	33	Produce Dealers	51
Vise	17	Puckers	51
Corundum Grinders	35	Railroads' Repair	50, 51
Covers, Barrel	45	Shipping Room	53
Butlap	46	Steamships' Repair	50, 51
Cover Fasteners	41	Warehouse	53
Covers	21, 22		
Cut Nails	41		

GENERAL INDEX (Continued)



	Page		Page
Iron Block Croze	21	Sand, White	46
" Caulking	29	Saws	32, 33
" Chiseling	29	Scrapers	13, 14, 15
" Flagging	20	Screw Press, Barrel Header	26
" Hoops	42	Scribers	32
" Rivets	37	Set, Hoop	9
Irons, Double	19	" Rivet	30
" Jointer	19	Setting-Up Form	26
" Plane	19	Sewing Twine	46
" Raising	17	Shave Hoops	49
" Single	19	" Straps	49
" Square	23	Shavers, Hollowing	11
" "V"	23	" Hoop, Head & Stave	11
Jointers	18	" Speke	12
Jointer Irons	19	Sheet Lead	46
Knife, Chamer	10	Shingle Nails	41
" Whittling	8	Shipping Room Index	53
Lamp-Bungbole	46	Tag Fasteners	46
Lead, Sheet	46	Silicate of Soda	46
Leveler	19	Single Irons	19
Liners	49	Slack Heading	48
Liquid & Liquor Dealers' Index	52	Slats, Cabbage	46
Lump Chalk	46	" Pineapple	46
Mallets	6	Slides, Gauge Rod	24
Manila Rope	46	Spigots	44
Mauls, Chime	8	Spiles	47
Measures	45	Spoke Shaves	12
Nailing Block	20	Square Irons	23
" Form	16	" Punches	30
Nails	41	Staples	42
Needles, Packing	43	Start, Bung	4
Non-Ratchet Braces	34	Staves, Barrel	48
Oil Stones	35	Stave Jointers	18
Orange Box Sides	46	" Shaves	11
Packing Needles	43	Streamships' Repair Index	50, 51
Pail Fasteners	40	Stones, Grind	36
Paint, Barrel	46	" Oil	35
Paraffine	46	Strapping, Box	43, 49
Parts, Extra Tool	2, 39	Straps, Shaved	49
Patent Hoops	40	Strengtheners, Barrel Head	46
Pincers	31	Tacks	42
Pineapple Slats	46	Tag Fasteners Shipping	46
Plane Irons	19	Taps	47
Planes	16, 18, 19	Ties, Wire Bale	46
Plugs	47	Tight Heading	49
Pocket Rules	31	Tool Handles	2
Produce Dealers' Index	51	" Parts	2, 39
" Packers' "	51	Truss Humps	1
Pulley, Coopers' "	25	Tub Fasteners	40
Punches	30	Twine	46
Railroads' Repair Index	50, 51	"V" Iron	23
Raisers, Head	17	Vises	17, 33
Raising Irons	17	Vise, Coopers'	17
Ratchet Braces	34	Wantage Rods	24
Rivets	37	Warehouse Index	53
Rivet Set	30	Wax, Paraffine	46
Rope	46	Whittling Knife	4
Rules Pocket	31	Windlass	25
		Wing Dividers	31
		Wire, Bale Ties	46
		" Dowels	42
		" Hoops	42
		" Nails	41
		Wrapping Twine	46

